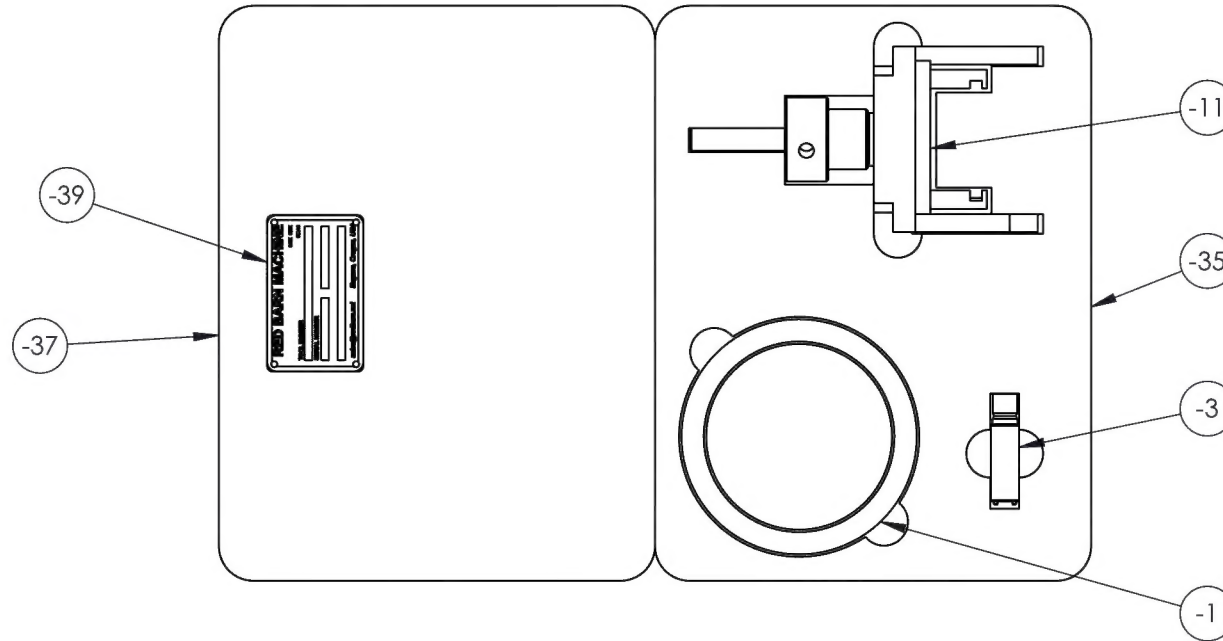



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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

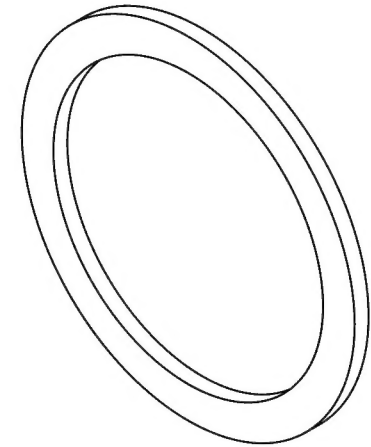
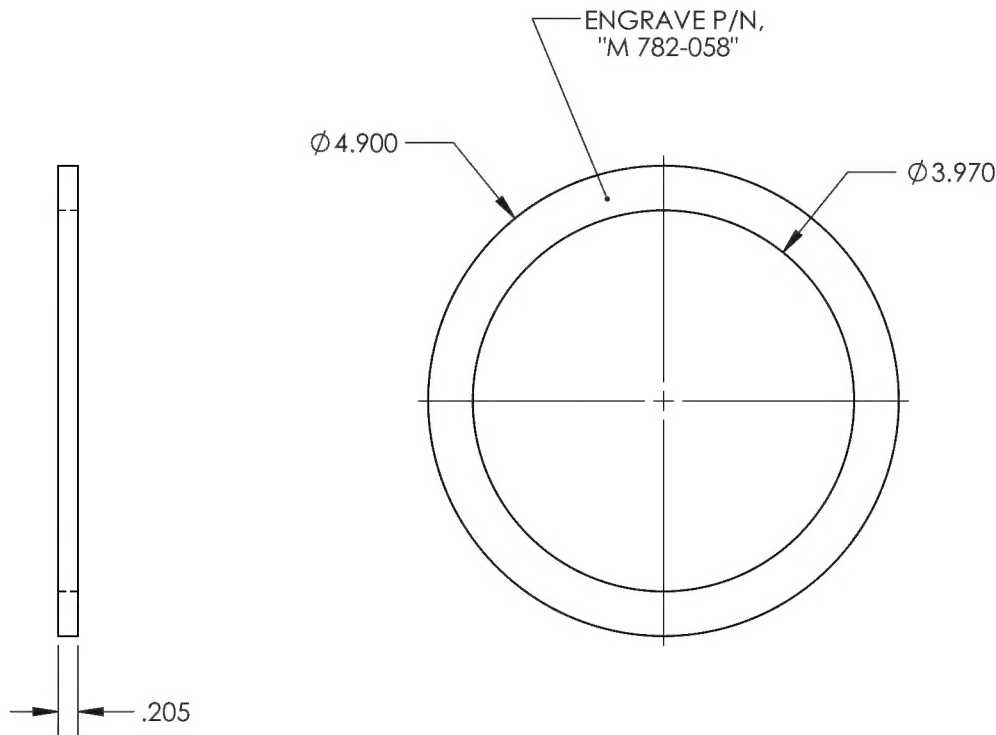


ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	RING	6061	Ø5 X 1/4	2
	X		-3	1	SOCKET WELDMENT			3
	1		-5		BASE	4140 Q & T	Ø5/8 X 2-3/8	4
	1		-7		SOCKET	STEEL	1/4 DRIVE 3/8 GRAINGER #6ECZ3(MODIFIED)	5
	2	B/O	-9		DOWEL PIN	STEEL	2mm X 10mm MCMaster-CARR #91595A026	3
X			-11	1	PULLER ASSY			6
1			-13		TOP	6061	1 X 1-5/8 X 4	7
1			-15		SIDE	6061	3/8 X 1-5/8 X 2-5/8	8
1			-17		SIDE 2	6061	3/8 X 1-5/8 X 2-5/8	9
1			-19		KNOB	6061	Ø1-7/8 X 1-7/8	10
1			-21		CROSS BRACE	1018	5/16 X 7/8 X 3-7/8	11
2			-23		ROD	STRESS PROOF	Ø1/2 X 1-1/4	12
1			-25		STUD	STEEL	M12 x 1.75 MCMaster-CARR #99055A135 (MODIFIED)	13
1		B/O	-27		BEARING	STEEL	FAG 51102	6
4		B/O	-29		SOCKET HEAD CAP SCREW	STEEL	M4 x .07 X 16 MCMaster-CARR #95263A273	6
2		B/O	-31		SOCKET HEAD CAP SCREW	STEEL	M4 x .7 X 12 MCMaster-CARR #95263A260	6
		B/O	-33	1	CASE		PELICAN #APP-1400-E	NS
			-35	1	BOTTOM TOOL CUSHION	Y-20, BLACK	3.95 X 9.08 X 11.98	14
			-37	1	TOP TOOL CUSHION	C200 FLAT, BLACK	1.2 X 9.08 X 11.98	15
		B/O	-39	1	RED BARN PLACARD	ALUMINUM	RB41009	NS


 <b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
TITLE	
DWG NO. <b>RBEGM-745-064</b>	
REV	
MAT'L	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:4	
DATE 5/3/2012	
SHEET 1 OF 15	
DRAWN BY: <b>GILBERT</b>	
APPROVED <i>D Weil</i>	
HEAT TREAT	
FINISH	
SPEC	
USED ON MODEL	
EC135	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

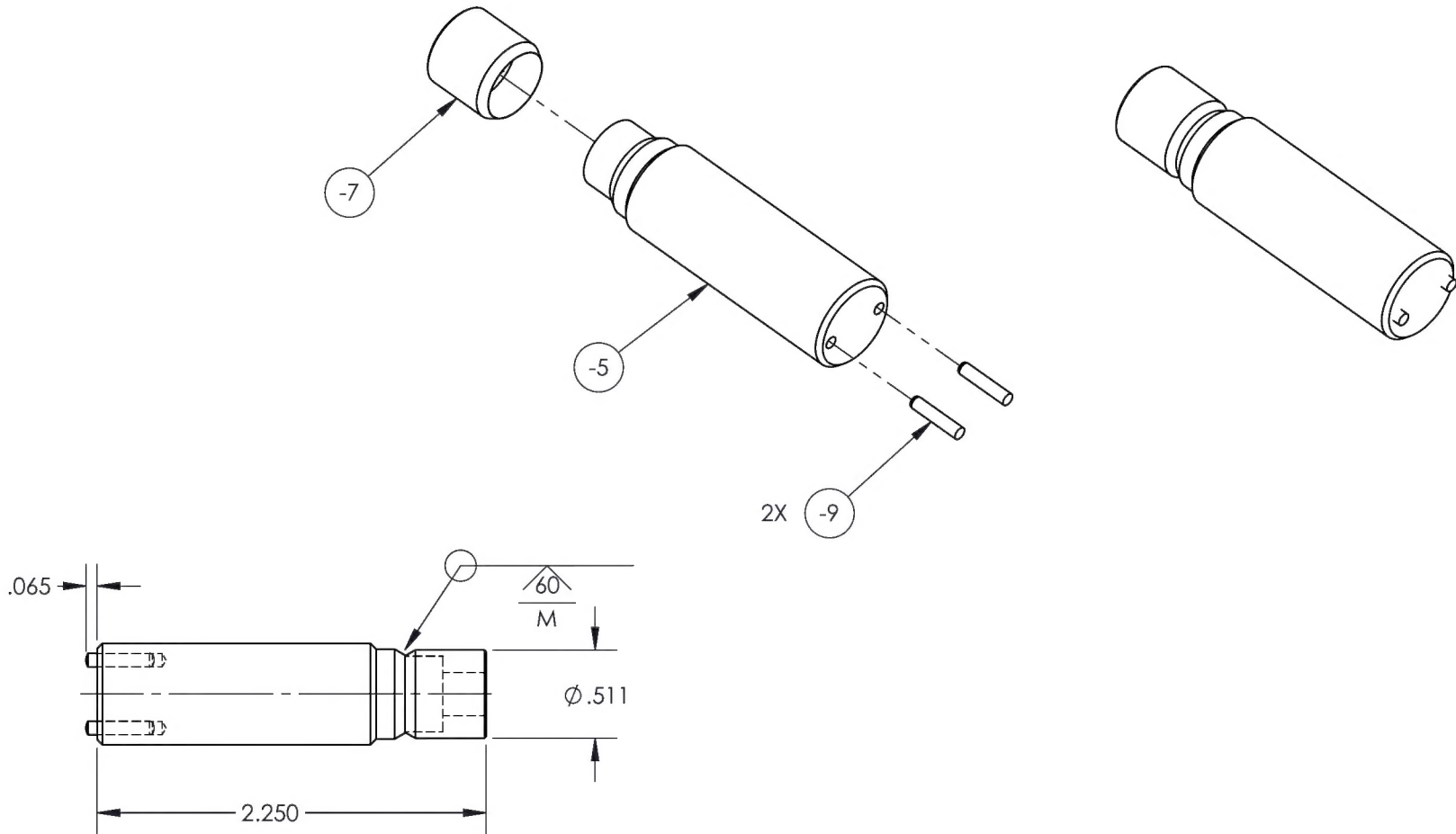


(-1)  
RING

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> FUEL CARTRIDGE PULLER	
<b>DWG NO.</b> RBEGM-745-064-1	<b>REV</b> 
<b>MAT'L</b> 6061	<b>DRAWN BY:</b> GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01        ANGLES ± 5° .X ± .1	<b>APPROVED</b> <i>D Weil</i> <b>HEAT TREAT</b> FINISH      CLEAR ANODIZE <b>SPEC</b> MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>USED ON MODEL</b> EC135
<b>SCALE</b> 1:4	<b>DATE</b> 4/4/2012
SHEET 2 OF 15	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

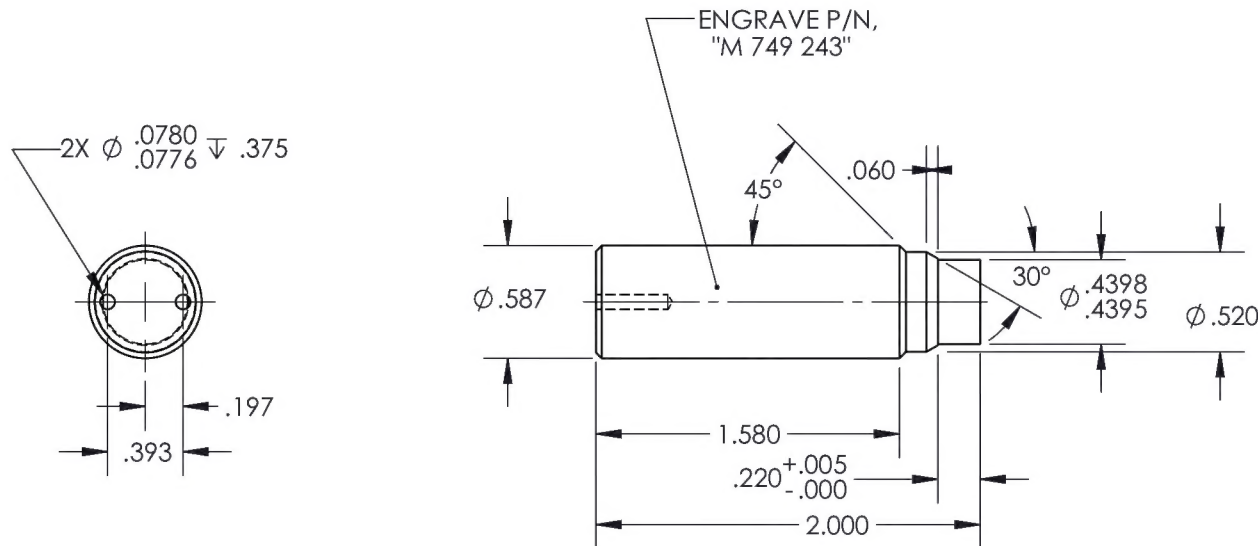
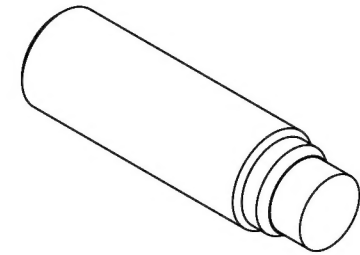


(3)  
SOCKET WELDMENT


<b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
DWG NO.	RBEGM-745-064-3
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005 FRACTIONS ± 1/32	HEAT TREAT
.XX ± .01 ANGLES ± 5°	FINISH CAD PLATE YELLOW
.X ± .1	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC135
SCALE 1:4	DATE 4/4/2012
SHEET 3 OF 15	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

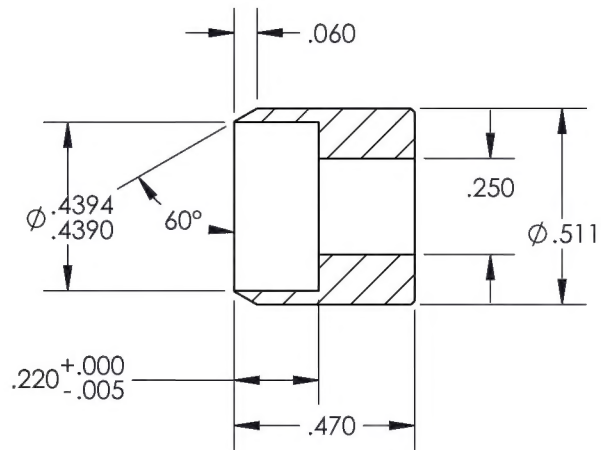


(5)  
BASE

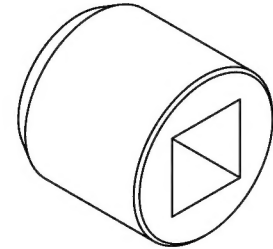
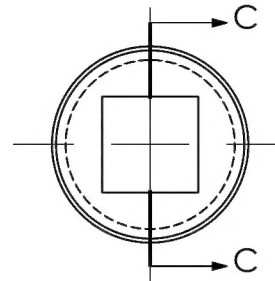
 <b>RED BARN MACHINE</b>	
TITLE	
FUEL CARTRIDGE PULLER	
DWG NO.	REV
RBEGM-745-064-5	
MAT'L 4140 Q & T	
DRAWN BY: GILBERT	
APPROVED <i>D Weil</i>	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX $\pm .005$ FRACTIONS $\pm 1/32$	
.XX $\pm .01$ ANGLES $\pm 5^\circ$	
.X $\pm .1$	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SPEC	
USED ON MODEL	
EC135	
SCALE 1:1	DATE 4/4/2012
SHEET 4 OF 15	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL


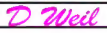


SECTION C-C



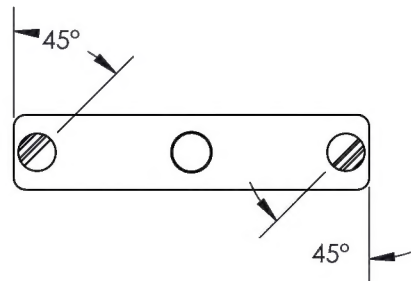
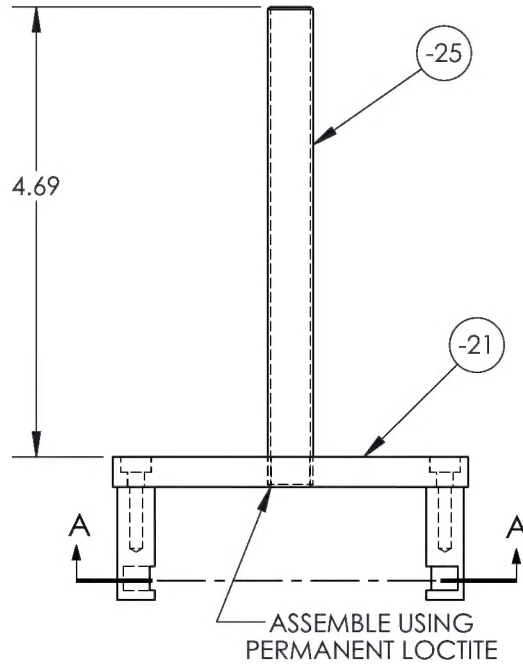
NOTE:  
REMOVE ALL MANUFACTURE PART MARKINGS.

(-7)  
SOCKET

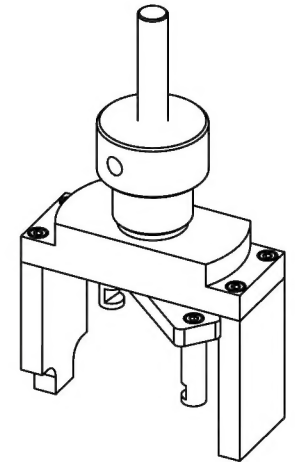
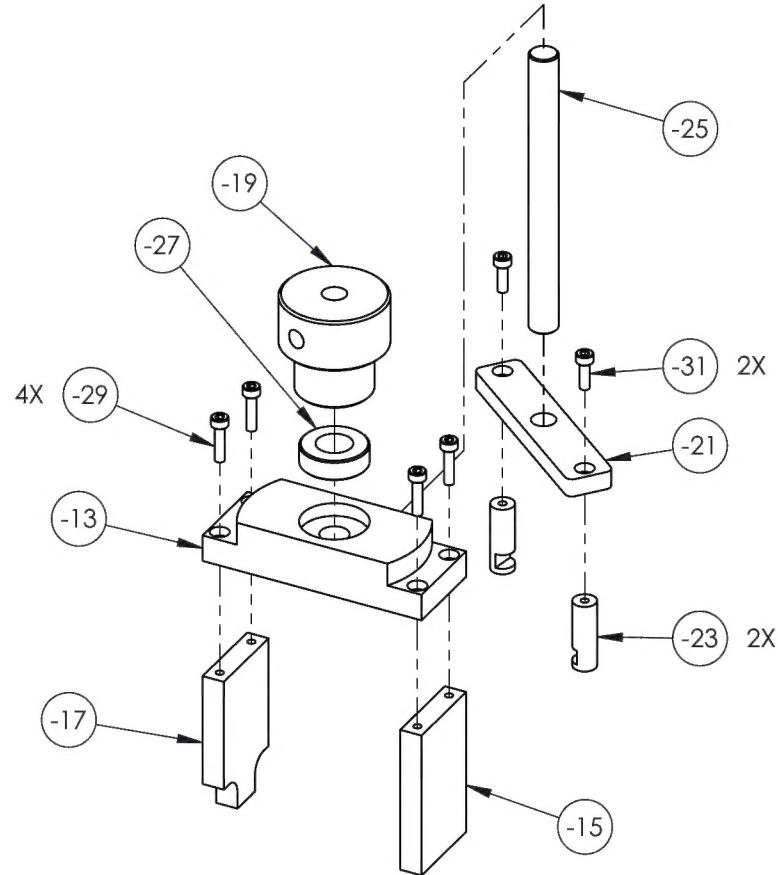
 <b>RED BARN MACHINE</b>	
<b>TITLE</b> FUEL CARTRIDGE PULLER	
<b>DWG NO.</b> RBEGM-745-064-7	<b>REV</b> 
<b>MAT'L</b> STEEL	<b>DRAWN BY:</b> GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01        ANGLES ± 5° .X ± .1	<b>APPROVED</b> 
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>HEAT TREAT</b> <b>FINISH</b> <b>SPEC</b> USED ON MODEL EC135
<b>SCALE</b> 2:1	<b>DATE</b> 12/14/2012 <b>SHEET</b> 5 OF 15

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



SECTION A-A  
SCALE 1 : 2

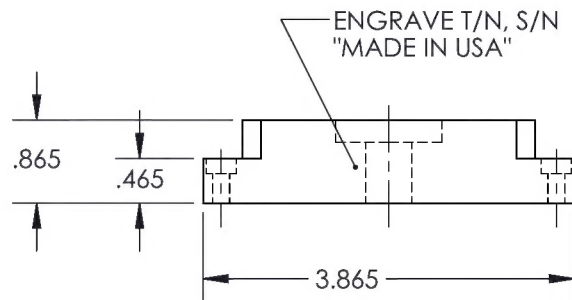
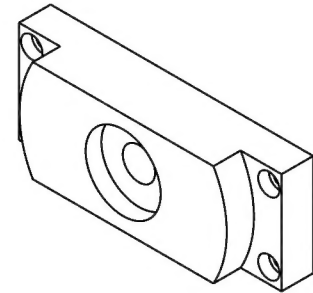
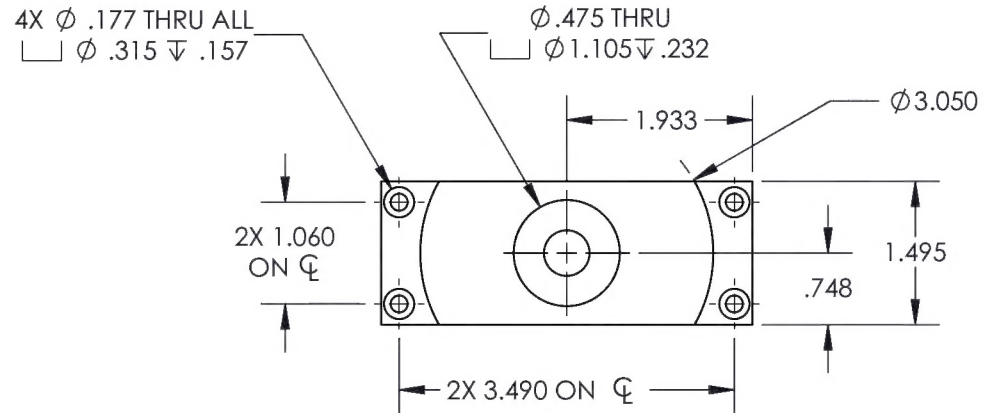


(11)  
PULLER ASSY


<b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
DWG NO.	RBEGM-745-064-11
MAT'L	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	APPROVED <i>D Weil</i>
.XXX ± .005	HEAT
.XX ± .01	TREAT
.X ± .1	FINISH
ANGLES ± 5°	SPEC
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	USED ON MODEL
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	EC135
SCALE 1:3	DATE 5/2/2012
SHEET 6 OF 15	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

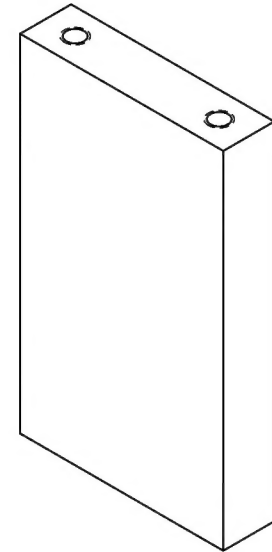
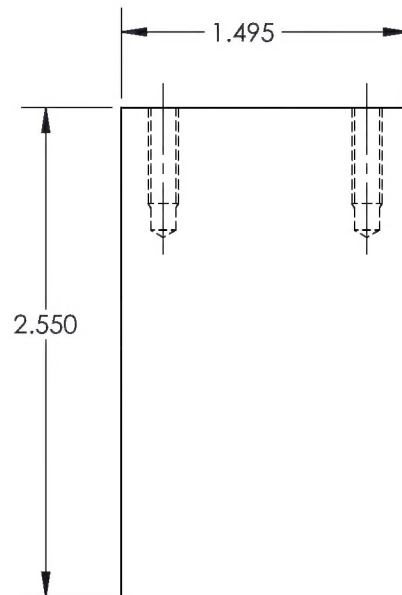
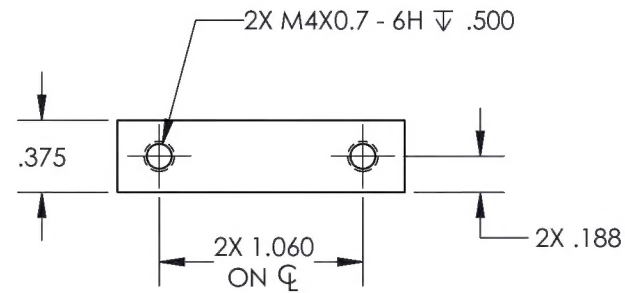


(-13)  
TOP

 <b>RED BARN MACHINE</b>	
TITLE <b>FUEL CARTRIDGE PULLER</b>	
DWG NO. <b>RBEGM-745-064-13</b>	REV 
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm .005$ .XX $\pm .01$ .X $\pm .1$ FRACTIONS $\pm 1/32$ ANGLES $\pm 5^\circ$	APPROVED <i>D Weil</i> HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	USED ON MODEL <b>EC135</b>
SCALE 1:2	DATE 4/4/2012
SHEET 7 OF 15	


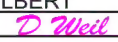
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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



(-15)

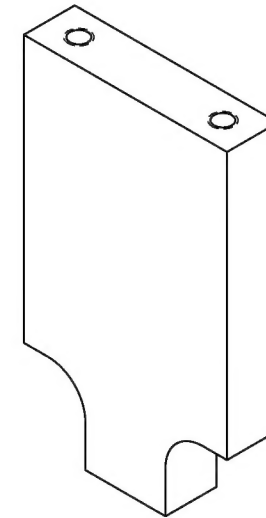
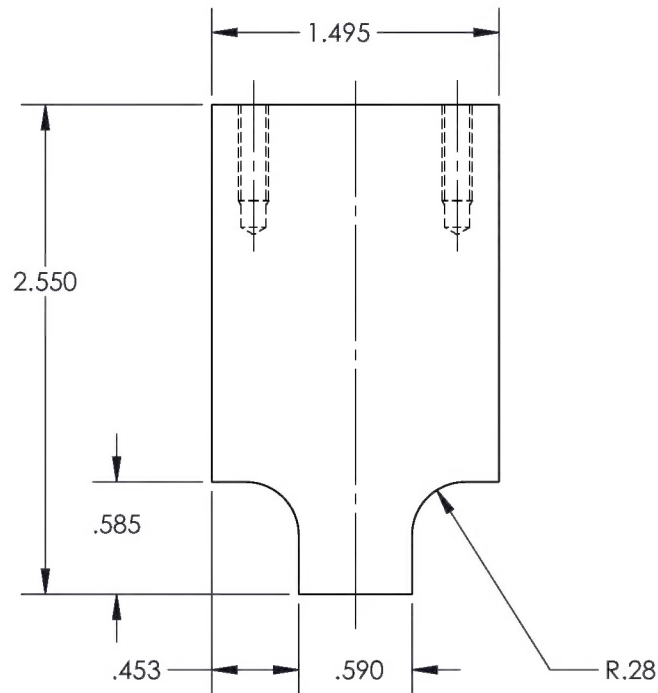
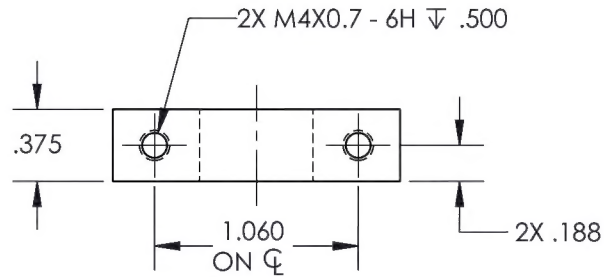
SIDE

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> FUEL CARTRIDGE PULLER	
<b>DWG NO.</b> RBEGM-745-064-15	<b>REV</b> 15
<b>MAT'L</b> 6061	<b>DRAWN BY:</b> GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 .XX $\pm$ .01 .X $\pm$ .1 FRACTIONS $\pm$ 1/32 ANGLES $\pm$ 5°	<b>APPROVED</b>  <b>HEAT TREAT</b> CLEAR ANODIZE <b>SPEC</b> MIL-A-8625F, TYPE II, CLASS I <b>USED ON MODEL</b> EC135
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
<b>SCALE</b> 1:1	<b>DATE</b> 4/4/2012
SHEET 8 OF 15	




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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



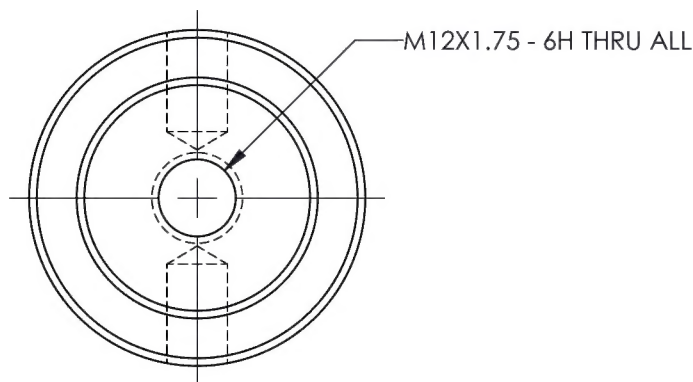
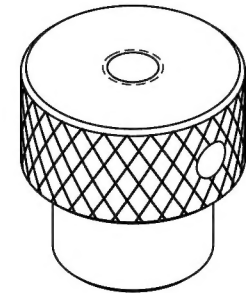
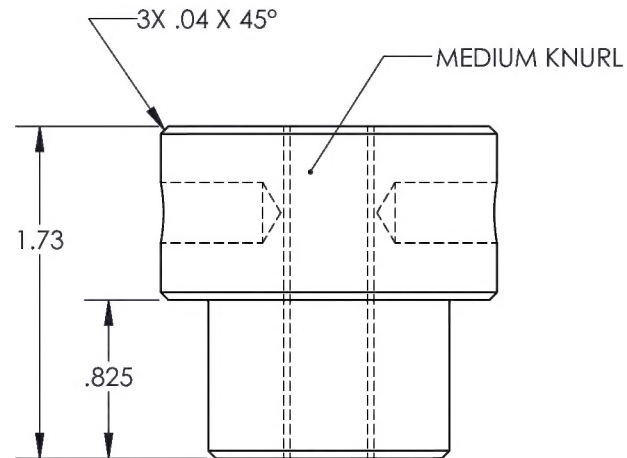
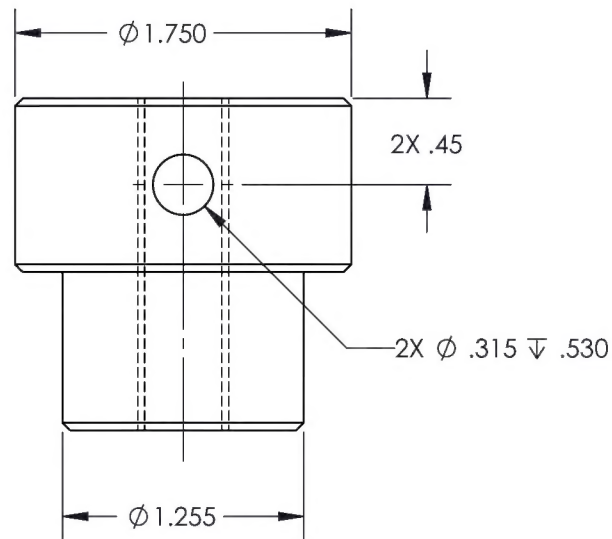
-17

SIDE 2

 <b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
DWG NO.	RBEGM-745-064-17
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 FRACTIONS $\pm$ 1/32 .XX $\pm$ .01 ANGLES $\pm$ 5° .X $\pm$ .1	APPROVED <i>D Weil</i> HEAT TREAT FINISH CLEAR ANODIZE SPEC MIL-A-8625F, TYPE II, CLASS I USED ON MODEL EC135
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	SCALE 1:1 DATE 4/4/2012 SHEET 9 OF 15

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

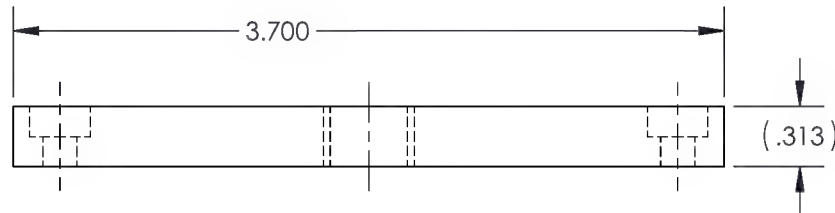
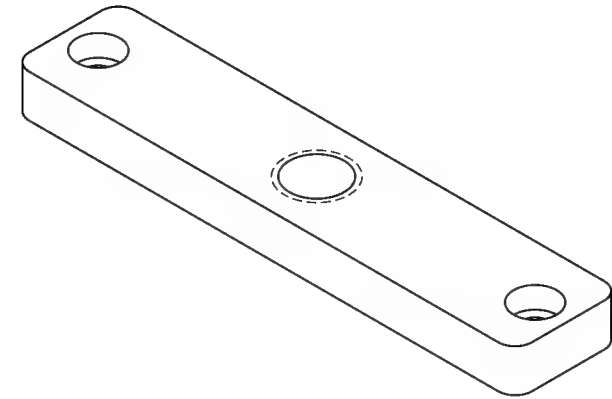
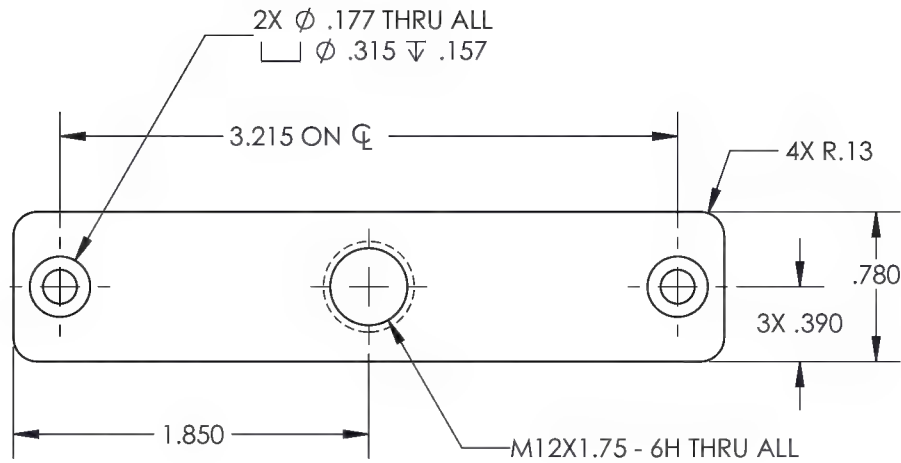


-19  
KNOB

<b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
DWG NO.	RBEGM-745-064-19
MAT'L 6061	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	
.XXX ± .005	FRACTIONS ± 1/32
.XX ± .01	ANGLES ± 5°
.X ± .1	
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
SCALE 1:1	DATE 4/4/2012
SHEET 10 OF 15	


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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



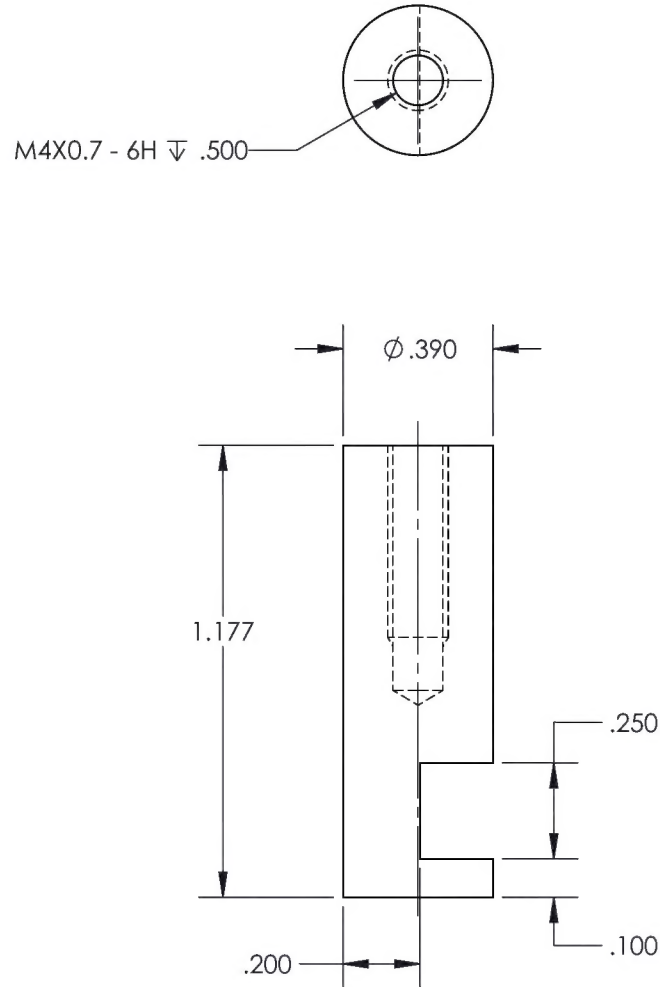
(-21)

CROSS BRACE


 <b>RED BARN MACHINE</b>	
TITLE <b>FUEL CARTRIDGE PULLER</b>	
DWG NO. <b>RBEGM-745-064-21</b>	REV 
MAT'L 1018	DRAWN BY: <b>GILBERT</b>
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX $\pm$ .005 .XX $\pm$ .01 .X $\pm$ .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	APPROVED <i>D Weil</i> HEAT TREAT FINISH BLACK OXIDE SPEC USED ON MODEL EC135
SCALE 1:1	DATE 5/2/2012
SHEET 11 OF 15	

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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED

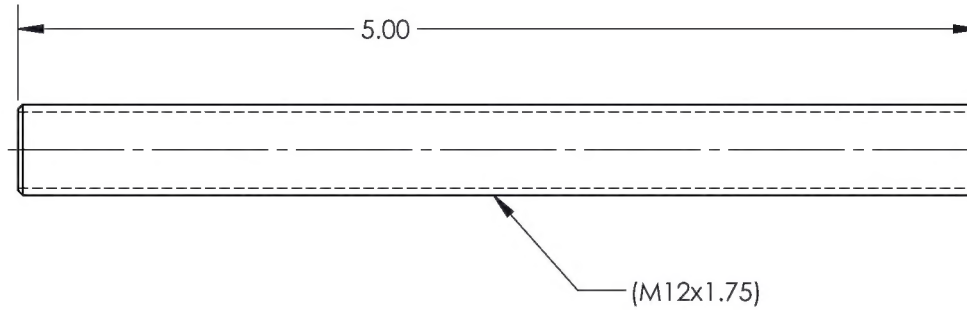


(-23)  
ROD


 <b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
DWG NO.	RBEGM-745-064-23
MAT'L STRESS PROOF UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1 1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
DRAWN BY: GILBERT APPROVED: <i>D Weil</i> HEAT TREAT FINISH BLACK OXIDE SPEC USED ON MODEL EC135	
SCALE 1:1	DATE 5/2/2012
SHEET 12 OF 15	

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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL

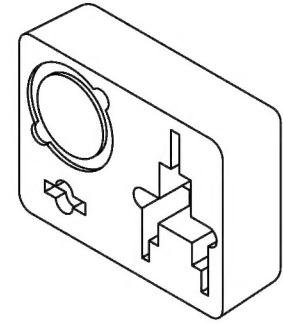
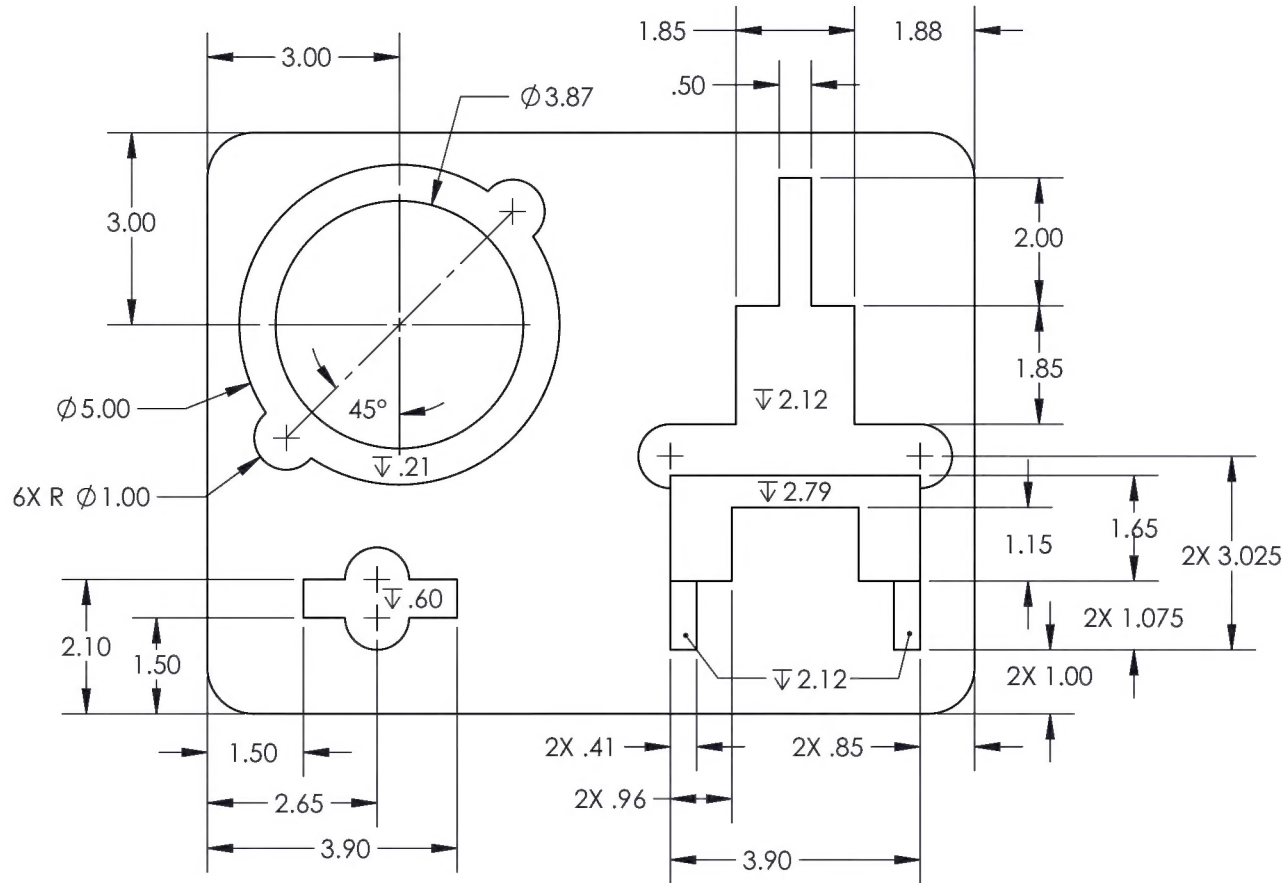


(-25)  
STUD

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> FUEL CARTRIDGE PULLER	
<b>DWG NO.</b> RBEGM-745-064-25	<b>REV</b> 
<b>MAT'L</b> STEEL	<b>DRAWN BY:</b> GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005      FRACTIONS ± 1/32 .XX ± .01      ANGLES ± 5° .X ± .1	<b>APPROVED</b> <i>D Weil</i> <b>HEAT TREAT</b> FINISH      BLACK OXIDE <b>SPEC</b> USED ON MODEL EC135
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	<b>SCALE</b> 1:1 <b>DATE</b> 4/4/2012 <b>SHEET</b> 13 OF 15


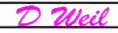
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REVISIONS			
REV	DESCRIPTION	DATE	INITIAL



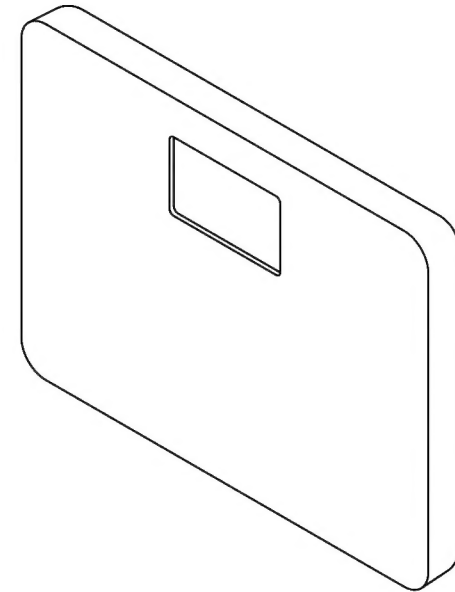
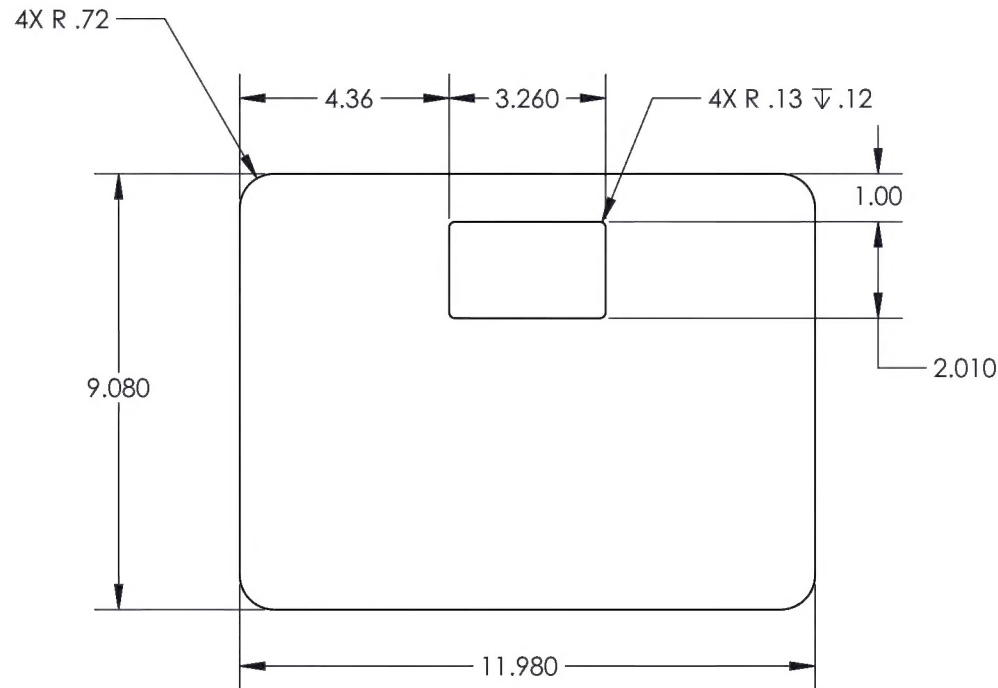
(-35)

BOTTOM TOOL CUSHION

 <b>RED BARN MACHINE</b>	
<b>TITLE</b> FUEL CARTRIDGE PULLER	
<b>DWG NO.</b> RBEGM-745-064-35	<b>REV</b> 1
<b>MAT'L</b> Y-20, BLACK	<b>DRAWN BY:</b> GILBERT
<b>UNLESS OTHERWISE SPECIFIED</b> <b>DIMENSIONS ARE IN INCHES</b> .XXX ± .005 .XX ± .01 .X ± .1 FRACTIONS ± 1/32 ANGLES ± 5°	<b>APPROVED</b>  <b>HEAT TREAT</b> <b>FINISH</b> <b>SPEC</b> USED ON MODEL EC135
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING	
<b>SCALE</b> 1:3	<b>DATE</b> 5/3/2012
<b>SHEET 14 OF 15</b>	

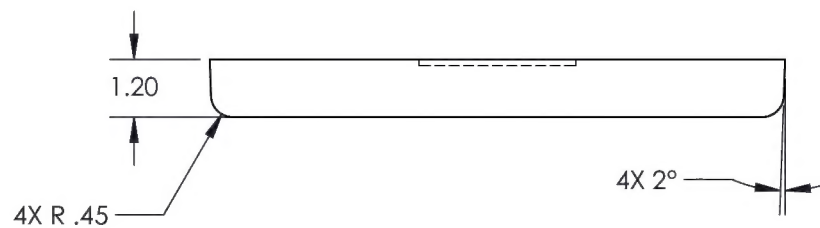
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REVISIONS				
REV	DESCRIPTION	DATE	INITIAL	APPROVED



(-37)

TOP TOOL CUSHION



<b>RED BARN MACHINE</b>	
<b>FUEL CARTRIDGE PULLER</b>	
DWG NO.	RBEGM-745-064-37
MAT'L C200 FLAT, BLACK	DRAWN BY: GILBERT
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/32 .XX ± .01 ANGLES ± 5° .X ± .1	APPROVED <i>D Weil</i>
1. BREAK ALL SHARP EDGES .015 x 45° OR .015R	HEAT TREAT
2. DIMENSIONAL LIMITS APPLY AFTER PLATING	FINISH
SCALE 1:4	SPEC
DATE 5/3/2012	USED ON MODEL
EUROCOPTER	
SHEET 15 OF 15	